

## WHAT IS CLAIMED IS:

1. A broadcast signal transmitting apparatus, comprising:  
a multiplexer configured to multiplex a broadcast signal and multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link location information, control signals providing display control to a receiver and control signals providing recording control to a recording medium; and  
a transmitter configured to transmit said broadcast signal and said multimedia data multiplexed in said multiplexer to said receiver.
2. The broadcast signal transmitting apparatus according to claim 1, wherein the multimedia data may be delayed from transmission until a time different from that of a corresponding broadcast program signal.
3. The broadcast signal transmitting apparatus according to claim 1, wherein said recording medium is a recording apparatus operably linked to the receiver.
4. The broadcasting signal transmitting apparatus according to claim 1, wherein said control signals providing recording control are used in a reserving process to record a broadcast program in the recording medium.
5. A method of transmitting a broadcast signal, comprising the steps of:  
multiplexing a broadcast signal and multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link location information, control signals providing display control in a receiver and control signals providing recording control to a recording medium; and  
transmitting said broadcast signal and said multimedia data multiplexed in said multiplexer to said receiver.
6. A method of transmitting a broadcast signal according to claim 5, wherein said recording medium is a recording apparatus operably linked to the receiver.

7. The method of transmitting a broadcast signal according to claim 5, wherein said control signals providing recording control are used in a reserving process to record a broadcast program to the recording medium.

8. A broadcast signal transmitting apparatus, comprising:  
means for multiplexing a broadcast signal and multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link location information, control signals providing display control to a means for receiving and control signals providing recording control to a means for recording; and  
means for transmitting said broadcast signal and said multimedia data multiplexed by said means for multiplexing to said means for receiving.

9. The broadcast signal transmitting apparatus according to claim 8, wherein the means for recording is operably linked to the means for receiving.

10. The broadcast signal transmitting apparatus according to claim 8, wherein said control signals providing recording control are used in a reserving process to record a broadcast program in a means for recording.

11. A broadcasting signal receiving apparatus, comprising:  
a receiver configured to receive a multiplexed broadcast and multimedia data signal of a transmitting apparatus; and  
a demultiplexer configured to demultiplex said broadcast signal and said multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link location information, control signals providing display control in a receiver and control signals providing recording control to a recording medium.

12. The broadcast signal receiving apparatus according to claim 11 wherein said recording medium is a recording apparatus operably linked to the receiver.

13. The broadcast signal receiving apparatus according to claim 11 wherein said control signals providing recording control are used in a reserving process to record a broadcasting program to the recording medium.

14. A method of receiving a broadcast signal, comprising:  
receiving a multiplexed broadcast and multimedia data signal of a transmitting apparatus; and  
demultiplexing said broadcast signal and multimedia data, said multimedia data being described by a mark-up language and including broadcast program information, link location information, control signals providing display control to a receiver and control signals providing recording control to a recording medium.

15. The method of receiving a broadcast signal according to claim 14, wherein said recording medium is a recording apparatus operably linked to the receiver.

16. The method of receiving a broadcast signal according to claim 14, wherein said control signals providing recording control are used in a reserving process to record a broadcasting program in the recording medium.

17. A broadcasting signal receiving apparatus, comprising:  
means for receiving a multiplexed broadcast and multimedia data signal of a broadcast source; and  
means for demultiplexing said broadcast signal and said multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link location information, control signals providing display control in a display and control signals providing recording control to a recording medium.

18. The broadcast signal receiving apparatus according to claim 17, wherein said means for recording is operably linked to said means for display.

19. The broadcast signal receiving apparatus according to claim 17, wherein said control signals providing recording control are used in a reserving process to record a broadcasting program in a means for recording.

20. A broadcast system, comprising:  
a multiplexer configured to multiplex a broadcast signal and multimedia data, said multimedia data described by a mark-up language and including broadcast program

information, link location information, control signals providing display control to a receiver and control signals providing recording control to a recording medium;

a transmitter configured to transmit said multiplexed broadcast and multimedia data signal to said receiver;

said receiver configured to receive the multiplexed broadcast and multimedia data signal transmitted by said transmitter; and

a demultiplexer responsive to said receiver for demultiplexing the broadcast signal and the multimedia data.

21. A broadcasting system, comprising:

means for multiplexing a broadcast signal and multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link location information, control signals providing display control to a means for receiving and control signals providing recording control to a means for recording;

a means for transmitting said multiplexed broadcast and multimedia data signal, wherein the means for receiving is responsive to the multiplexed broadcast and multimedia data signal transmitted by said means for transmitting, and includes a means for demultiplexing the broadcast signal and the multimedia data.

22. A method for broadcasting a signal, comprising the steps of:

multiplexing a broadcast signal and multimedia data, said multimedia data described by a mark-up language and including broadcast program information, link information, control signals providing display control to a receiver and control signals providing recording control to a recording medium;

transmitting said multiplexed broadcast and multimedia data signal;

receiving said multiplexed broadcast and the multimedia data signal transmitted in said transmitting step; and

demultiplexing the broadcast signal and the multimedia data.